

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43941	"fiber optic"	USPAT	OR	OFF	2005/04/16 13:25
S2	4601	S1 and "annular"	USPAT	OR	OFF	2004/11/04 09:36
S3	994	S2 and focus	USPAT	OR	OFF	2004/11/04 09:36
S4	285	S3 and measurements	USPAT	OR	OFF	2004/11/04 09:36
S5	571	S3 and measure\$7	USPAT	OR	OFF	2004/11/04 09:36
S6	12	S5 and sharpness	USPAT	OR	OFF	2004/11/04 09:37
S7	1	("6636298").PN.	USPAT; USOCR	OR	OFF	2004/11/04 15:11
S8	25	("5179419"   "5319734"   "5535002"   "5543915"   "5596672"   "5600439"   "5636020"   "5657131"   "5671049"   "5727327"   "5729622"   "5729966"   "5768401"   "5768409"   "5809162"   "5857047"   "5857049"   "5862250"   "5898494"   "5923781"   "5995212"   "6069991"   "6088498"   "6105396"   "6183343").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:35
S9	149	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:35
S10	561	382/284.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:36
S11	6	S9 and S10	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:38
S12	0	"sharpness measure\$7"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:59
S13	36470	sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:59
S14	521	S13 near measure\$7	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:00
S15	107	S14 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:00
S16	77	S15 and plurality	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:13
S17	1	("5040228").PN.	USPAT; USOCR	OR	OFF	2004/11/04 16:13
S18	5	("3932733"   "4601057"   "4700225"   "4814889"   "4816919").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:17
S19	11	("5040228").URPN.	USPAT	OR	OFF	2004/11/04 16:23
S20	62574	"fiber optic"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:00
S21	11544	S20 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S22	327	S21 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01

## EAST Search History

S23	2444	S21 and sharp\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S24	1840	S23 and measure\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S25	466	S24 and defect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:02
S26	353	S25 and plurality	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:04
S27	15	S26 and "machine vision"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 09:30
S28	1	("5144442").PN.	USPAT; USOCR	OR	OFF	2004/11/05 09:56
S29	1	("6636298").PN.	USPAT; USOCR	OR	OFF	2004/11/05 09:56
S30	25	("5179419"   "5319734"   "5535002"   "5543915"   "5596672"   "5600439"   "5636020"   "5657131"   "5671049"   "5727327"   "5729622"   "5729966"   "5768401"   "5768409"   "5809162"   "5857047"   "5857049"   "5862250"   "5898494"   "5923781"   "5995212"   "6069991"   "6088498"   "6105396"   "6183343").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 10:20
S31	1	("4560864").PN.	USPAT; USOCR	OR	OFF	2004/11/05 10:22
S32	1	("4470676").PN.	USPAT; USOCR	OR	OFF	2004/11/05 11:08
S33	112	382/255.ccls.	USPAT	OR	OFF	2004/11/05 11:09
S34	74	382/220.ccls.	USPAT	OR	OFF	2004/11/05 11:14
S35	0	S33 and S34	USPAT	OR	OFF	2004/11/05 11:10
S36	8854	fuzzy	USPAT	OR	OFF	2004/11/05 11:14
S37	1294	S36 and overlap	USPAT	OR	OFF	2004/11/05 11:14
S38	426	S37 and focus	USPAT	OR	OFF	2004/11/05 11:15
S39	44	S38 and sharpness	USPAT	OR	OFF	2004/11/05 11:20
S40	404099	annular	USPAT	OR	OFF	2004/11/05 11:20
S41	375	S40 and fuzzy	USPAT	OR	OFF	2004/11/05 11:21
S42	75	S41 and transform\$6	USPAT	OR	OFF	2004/11/05 11:21
S43	0	"image generat\$6"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:39
S44	5108	"image generation"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:39
S45	580	S44 and "high frequency"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:40
S46	107	S45 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18
S47	840062	annular	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18

## EAST Search History

S48	1992	S47 and "fiber optics"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18
S49	9	S48 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:15
S50	313	382/205.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:16
S51	149	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:46
S52	561	382/284.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:17
S53	2	S50 and S51	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:19
S54	22	S50 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:19
S55	6	S51 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49
S56	317730	overlap	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49
S57	1991	S56 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49
S58	603	S57 and pixel	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:50
S59	132	S58 and gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 15:45
S60	211	382/152.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 15:51
S61	8	S60 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 16:13
S62	676	382/254.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 16:14
S63	98	S62 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 07:56
S64	1	("4404594").PN.	USPAT; USOCR	OR	OFF	2004/11/08 08:34
S65	1	("6603874").PN.	USPAT; USOCR	OR	OFF	2004/11/08 08:51
S66	112	382/255.ccls.	USPAT	OR	OFF	2004/11/08 09:04
S67	49	S66 and blur\$6	USPAT	OR	OFF	2004/11/08 08:55
S68	12	S67 and overlap	USPAT	OR	OFF	2004/11/08 09:04
S69	4	S66 and fuzzy	USPAT	OR	OFF	2004/11/08 09:10
S70	180741	overlap	USPAT	OR	OFF	2004/11/08 09:10

## EAST Search History

S71	1294	S70 and fuzzy	USPAT	OR	OFF	2004/11/08 09:10
S72	326	S71 and transition	USPAT	OR	OFF	2004/11/08 09:10
S73	50	S72 and gaussian	USPAT	OR	OFF	2004/11/08 09:11
S74	6	("4731865"   "5231481"   "5465121"   "5933132"   "6424343"   "6456339").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32
S75	676	382/254.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32
S76	100	S75 and overlap	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32
S77	7	S76 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 10:46
S78	1	("4616262").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:34
S79	1	("6563960").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:34
S80	3	("5581667"   "5691818"   "6049390").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:38
S81	35	"4584704"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:38
S82	1	("4584704").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:38
S83	12	("2969706"   "3356792"   "3715161"   "3941476"   "4161756"   "4214827"   "4325082"   "4404594"   "4404595").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:40
S84	2608	focus and "fiber optic cable"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:41
S85	61	S84 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:45
S86	7683	"composite image"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:45
S87	527	S86 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:46
S88	182	S87 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:46
S89	5	("3673324"   "3941925"   "4141041"   "4266242"   "4439783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 12:10
S90	13	("4616262").URPN.	USPAT	OR	OFF	2004/11/08 13:21
S91	500	382/266.ccls.	USPAT	OR	OFF	2004/11/08 13:21
S92	212	S91 and weight\$5	USPAT	OR	OFF	2004/11/08 13:22
S93	68	S92 and sharpness	USPAT	OR	OFF	2004/11/08 13:23
S94	2	S93 and composite	USPAT	OR	OFF	2004/11/09 10:55
S95	0	"spatial weight\$5"	USPAT	OR	OFF	2004/11/09 10:56
S96	0	"spatial" same "weight\$5"	USPAT	OR	OFF	2004/11/09 10:56

## EAST Search History

S97	0	(spatial) same "weight\$5"	USPAT	OR	OFF	2004/11/09 10:56
S98	4479	(spatial) same (weight\$5)	USPAT	OR	OFF	2004/11/09 11:08
S99	1219	(focus) same (sharpness)	USPAT	OR	OFF	2004/11/09 10:57
S100	12	S98 and S99	USPAT	OR	OFF	2004/11/09 10:57
S101	1	("4532548").PN.	USPAT; USOCR	OR	OFF	2004/11/09 15:21
S102	1	("5179419").PN.	USPAT; USOCR	OR	OFF	2004/11/09 15:33
S103	1	("5768409").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:01
S104	1	("4439783").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:02
S105	1	("4266242").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:03
S106	1	("3941925").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:04
S107	1	("3673324").PN.	USPAT; USOCR	OR	OFF	2004/11/10 16:40
S108	112	382/255.ccls.	USPAT	OR	OFF	2004/11/10 16:41
S109	1	S108 and "coarse focus position"	USPAT	OR	OFF	2004/11/10 16:42
S110	2	S108 and "coarse focus"	USPAT	OR	OFF	2004/11/10 16:42
S111	9	("4951151"   "5086015"   "5239170"   "5365302"   "5424528"   "5647025"   "5825043"   "6356263"   "6509952").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 16:44
S112	330	382/300.ccls.	USPAT	OR	OFF	2004/11/12 14:22
S113	16	S112 and hybrid	USPAT	OR	OFF	2004/11/12 14:22
S114	1	spatial near weight\$4 same sharpness	USPAT	OR	OFF	2005/04/15 17:46
S115	54	spatial near weight\$4 and focus	USPAT	OR	OFF	2005/04/15 17:46
S116	2	("5179419").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/16 16:14
S117	170	spatial same weight\$4 and focus\$4 and sharpness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/16 16:15
S118	18	spatial near weight\$4 and focus\$4 and sharpness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/16 16:15
S119	162	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/25 12:38

## EAST Search History

S12 0	45831	"fiber optic"	USPAT	OR	OFF	2005/04/25 12:40
S12 1	4746	S120 and "annular"	USPAT	OR	OFF	2005/04/25 12:40
S12 2	1031	S121 and focus	USPAT	OR	OFF	2005/04/25 12:40
S12 3	599	S122 and measure\$7	USPAT	OR	OFF	2005/04/25 12:40
S12 4	13	S123 and sharpness	USPAT	OR	OFF	2005/04/25 13:15
S12 5	0	seth near manav	USPAT	OR	OFF	2005/04/25 13:16
S12 6	1	manav	USPAT	OR	OFF	2005/04/25 13:15
S12 7	92	seth.xa.	USPAT	OR	OFF	2005/04/25 13:17
S12 8	0	seth-manav.xa.	USPAT	OR	OFF	2005/04/25 13:17
S12 9	0	manav.xa.	USPAT	OR	OFF	2005/04/25 13:17
S13 0	19017	(combin\$4 near (image\$4 or (image near portion\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 16:19
S13 1	4107	(image\$4 or (image near portion\$2)) near (weight\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 16:26
S13 2	4178	(image\$4 or (image near portion\$2)) near (weigh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 16:26
S13 3	0	(image\$4 or (image near portion\$2)) near spatial near (weigh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 16:26
S13 4	6	(image\$4 or (image near portion\$2)) near focus\$3 near (weigh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 16:27
S13 5	5	("20040125228"   "5193124"   "5227890"   "5307170"   "6154574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 17:10
S13 6	28	strege-john.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 17:10
S13 7	28	strege near john	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 17:10

## EAST Search History

S13 8	1	manav near seth	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 17:10
S13 9	183	382/255.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/04 18:03
S14 0	5233	(image\$4 or (image near portion\$2)) near (weigh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 12:45
S14 1	6	(image\$4 or (image near portion\$2)) near focus\$3 near (weigh\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 12:42
S14 2	28573	(image\$4 or (image near portion\$2)) same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:02
S14 3	85649	focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:02
S14 4	12811	focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:03
S14 5	14389	focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:03
S14 6	9566	image\$2 and focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:04
S14 7	1892	image\$2 and focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:06
S14 8	1638	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:09

## EAST Search History

S14 9	355	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2)) same (composite or combin\$3 or merg\$3 or overlap\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 15:10
S15 0	500	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2)) same (composit\$3 or combin\$3 or merg\$3 or overlap\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 13:10
S15 1	2	("4661986").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:14
S15 2	11	("4731863"   "4819197"   "5008744"   "5054101"   "5132783"   "5657403"   "5946413"   "6005978"   "6094508"   "6272255"   "6275620").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 14:46
S15 3	10	("4731863"   "4819197"   "5008744"   "5054101"   "5132783"   "5657403"   "5946413"   "76005978"   "6094508"   "6272255"   "6275620").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 14:47
S15 4	4964	382/254,255,284,220,205,141,147,148,151,152,300.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 14:50
S15 5	32	S149 and S154	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 14:50
S15 6	45	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2)) same (composite or combin\$3 or merg\$3 or overlap\$5) and background and foreground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 15:11
S15 7	111	396/80.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:15
S15 8	355	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2)) same (composite or combin\$3 or merg\$3 or overlap\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:15
S15 9	0	396/80.ccls. and S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:15
S16 0	0	396/77,80,82.ccls. and S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 18:00



## EAST Search History

S16 1	355	image\$2 same focus\$4 and (locat\$4 or track\$3 or measur\$3 or identif\$6) near3 (object\$2 or person\$2 or target\$2) and ((high\$3 near frequenc\$3) or sharpness) and ((plural\$3 or multipl\$5 or many) near (image\$2 or picture\$2)) same (composite or combin\$3 or merg\$3 or overlap\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 18:00
S16 2	1	348/208.12,345.ccls. and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 18:03
S16 3	0	(focus\$3 and image and optical and object and location and sharp\$4 and spatial and composite).clm.	US-PGPUB	OR	OFF	2007/01/03 18:04
S16 4	27	ivan near bachelder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 18:11